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Assistant Commissioner for Patents  
Washington, D.C. 20231

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UNITED STATES OF AMERICA

28 September 2001

## INTELLECTUAL PROPERTY LAW

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Attorney Docket: P56533

Sir:

Submitted herewith is the following patent application:

Inventor:      1) JONG-SEO CHOI  
                      2) DONG-HEE HAN  
                      3) SEUNG-KWON HAN  
                      4) DONG-KYUN SEO  
                      5) BU-CHUL SIN  
                      6) HWAN-CHUL RHO

Title:      **CATHODE FOR ELECTRON TUBE AND METHOD OF  
PREPARING THE CATHODE**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 7 sheets, Figures 1 through 12

Claim of priority under 35 U.S.C. §119:      YES

\*\* U.S. Provisional Application Serial No. 60/299,786 filed on 22 June 2001.

**FEE (see formula below): CHECKS ARE ENCLOSED (#40383 and #40384)**

**Basic Fee \$355/710 . . . . .      \$710.00**

### Additional Fees:

Total number of claims in excess of 20: 14 times \$9/18 .      \$252.00

Number of independent claims in excess of 3:    times \$40/80 . . . . .      \$0.00

Multiple Dependent Claims \$135/270 . . . . .      \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 . . . . .      \$40.00

Filing Non-English specification . . . . .      \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION . . . . .      \$1,002.00**

Assistant Commissioner for Patents  
28 September 2001  
Page Two

Docket No.: P56533

**Inventor:**    1) JONG-SEO CHOI  
                  2) DONG-HEE HAN  
                  3) SEUNG-KWON HAN  
                  4) DONG-KYUN SEO  
                  5) BU-CHUL SIN  
                  6) HWAN-CHUL RHO

**Title:**        **CATHODE FOR ELECTRON TUBE AND METHOD OF  
PREPARING THE CATHODE**

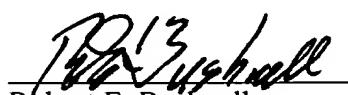
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
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REB/sb

100301  
9/28/01

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**FEET TRANSMITTAL**

Patent fees are subject to annual revision.

**Complete If Known**

Application Number	To be assigned
Filing Date	28 September 2001
First Named Inventor	JONG-SEO CHOI et al.
Examiner Name	To be assigned
Group/Art Unit	To be assigned

TOTAL AMOUNT OF PAYMENT	(\$) <u>1,002.00</u>	Attorney Docket No.	P56533
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**METHOD OF PAYMENT (check one)**1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**3. ADDITIONAL FEES**Deposit Account Number: 02-4943

Deposit Account Number: \_\_\_\_\_

 Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.27**FEE CALCULATION (continued)****2. Payment Enclosed:**

(CHECK #40383 &amp; #40384)

 Check  Credit Card  Money Order  Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$710.00
106	320	206	160	Design filing fee	\$
107	490	207	245	Plant filing fee	\$
108	710	208	355	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
<b>SUBTOTAL (1)</b>				<b>(\$)</b>	<b>710.00</b>

**2. EXTRA CLAIM FEES**

		Extra Claims	Fee from below	Fee Paid
Total claims	34	-20** =	14	x 18.00 = 252.00
Independent Claims	3	- 3** =	x	=

## Multiple Dependent

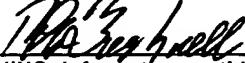
\*\* or number previously paid, if greater; For Reissues. see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				<b>(\$)</b>
<b>252.00</b>				

Large Entity	Small Entity	Fee Description	Fee Paid
105	130	205 65 Surcharge-late filing fee or oath	\$
127	50	227 25 Surcharge-late provisional filing fee or cover sheet	\$
139	130	139 130 Non-English specification	\$
147	2,520	147 2,520 For filing a request for reexamination	\$
112	920*	112 920* Requesting publication of SIR prior to Examiner action	\$
113	1,840 *	113 1,840* Requesting publication of SIR after Examiner action	\$
115	110	215 55 Extension for reply within first month	\$
116	390	216 195 Extension for reply within second month	\$
117	890	217 445 Extension for reply within third month	\$
118	1,390	218 695 Extension for reply within fourth month	\$
128	1,890	228 945 Extension for reply within fifth month	\$
119	310	219 155 Notice of Appeal	\$
120	310	220 155 Filing a brief in support of an appeal	\$
121	270	221 135 Request for oral hearing	\$
138	1,510	138 1,510 Petition to institute a public use proceeding	\$
140	110	240 55 Petition to revive - unavoidable	\$
141	1,240	241 620 Petition to revive - unintentional	\$
142	1,240	242 620 Utility issue fee (or reissue)	\$
143	440	243 220 Design issue fee	\$
144	600	244 300 Plant issue fee	\$
122	130	122 130 Petitions to the Commissioner	\$
123	50	123 50 Petitions related to provisional applications	\$
126	240	126 240 Submission of Information Disclosure Statement	\$
581	40	581 40 Recording each patent assignment per property (Times number of properties)	\$40.00
146	710	246 355 Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
149	710	249 355 For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
Other Fee (specify) _____			
Other Fee (specify) _____			
<b>** Reduced by Basic Filing Fee Paid</b>			
			<b>SUBTOTAL (3)</b>
			<b>\$40.00</b>

**SUBMITTED BY** **Complete (if applicable)**

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	28 September 2001

REB/sb

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